

OPERATOR'S MANUAL

SNAPPER RIDING MOWER

MODELS

2652 — 2652S — 2681 — 2681S — 3081 — 3081S

IMPORTANT SAFETY INSTRUCTIONS

WARNING: Failure to comply with the following instructions may result in serious injury to the operator or other persons. The owner of the mower must understand these instructions and, furthermore, must allow only persons who understand these instructions to operate the mower. Any person operating the mower must be of sound mind and body and must not be under the influence of any substance which might impair vision, dexterity, or judgement.

TRAINING

1. Read this Manual carefully. Be thoroughly familiar with the controls and proper use of the mower.
2. Never allow children to operate a power mower.
3. Do not carry passengers. Keep the area of operation clear of all persons, particularly small children, and pets.

PREPARATION

1. Never operate mower without proper guards, plates, safety switches, or other safety protective devices in place and properly connected. Inspect to determine that these safety devices are installed properly, are in good repair, and operate properly. If the condition or operation of these safety devices are questionable, they must be repaired or replaced before using the mower.
2. Thoroughly inspect the area where the mower is to be used and remove all stones, sticks, wire, bones and other foreign objects. Also note the location of holes, stumps, and other possible hazards.
3. Do not operate mower when barefoot or wearing open sandals. Always wear substantial footwear and long pants.
4. Fill gasoline tank before starting engine. Use approved gasoline container. Do not smoke near open gasoline container. Do not fill gasoline tank indoors or when engine is running. Allow engine to cool for at least ten minutes before refilling. Wipe off any spilled gasoline before starting engine. Do not run engine indoors.
5. When mowing over rough ground or in tall grass, mower must be set in highest cutting position.
6. Mow only in daylight or in good artificial light.
7. Never operate the mower under conditions where traction or stability is doubtful.

OPERATION

1. Disengage cutter (shift to OUT) and place shift handle in NEU/PARK before attempting to start engine or before leaving operating position for any reason including emptying grass catcher.
2. Do not change engine governor settings or overspeed engine. Operate the engine at the slowest speed that will cut satisfactorily.
3. Do not put hands or feet near or under rotating parts. Keep feet next to pedals on foot pads while in operating position. Never place foot on deck or ground while cutter is engaged and/or mower is in motion.
4. Keep clear of discharge while cutter is engaged. Disengage cutter, stop engine, and make certain blade has stopped before attempting to unclog discharge or grass chute.
5. After striking a foreign object or if mower vibrates abnormally, disengage the cutter, stop the engine, thoroughly inspect the mower for any damage, and repair the damage.
6. Disengage cutter when transporting mower or when crossing gravel surfaces and under any conditions where thrown objects might be a hazard.
7. Do not leave the mower unattended without disengaging the cutter, shifting to NEU/PARK, lowering the cutter, stopping the engine, and removing the key.
8. Mount and dismount mower from the left hand side, opposite the discharge.
9. Always begin forward motion with the shift handle in the No. 1 speed position. Use the clutch to shift in and out of neutral. Do not operate the mower when you are not in the seat.
10. Use the auxiliary brake (right pedal) when starting up slopes to prevent the mower from rolling before the clutch is engaged. The clutch/brake (left pedal) must be depressed to stop the mower while in motion. NOTE: Actuation of the auxiliary brake alone will NOT stop the mower.
11. Reduce speed on steep slopes and in sharp turns to prevent tipping or loss of control. Exer-

— Continued on Page 2 —

SAFETY INSTRUCTIONS —

- cise extreme caution when changing directions on steep slopes. Mow down slopes in excess of 10 degrees; never across or up.
12. Do not operate mower up slopes in excess of 10 degrees (17 per cent grade) with grass catcher installed unless auxiliary weight of 50 pounds is placed on front of mower. The Load Carrier Kit (P/N 6-0197) is available for this purpose.
 13. Stay alert for holes and other hidden hazards. Keep at a safe distance from ditches, culverts, similar depressions, and protruding obstacles.
 14. Watch out for traffic when crossing or near roadways. Do not allow anyone near mower while in operation. Never direct discharge toward bystanders, into roadways, or toward any property that could be damaged by thrown objects.
 15. Do not mow in reverse unless absolutely necessary and only after careful and continuous observation of the ENTIRE area behind the mower.
 16. Use care when pulling loads. Limit loads to those you can safely control and attach loads to hitch plate only.

MAINTENANCE AND STORAGE

1. Keep all nuts, bolts, and screws tight to be sure mower is in safe working condition.
2. Check brakes periodically and adjust, repair, or replace as necessary. Service brake must stop mower safely from full speed. Auxiliary brake and parking brake must hold mower on slopes. Spindle brake must stop blade in 7 seconds or less.
3. Never store mower with gasoline in the tank inside of a building where fumes may reach an open flame or spark. Allow engine to cool before storing in any enclosure.
4. To reduce fire hazard keep mower free of grass, leaves or excessive grease.
5. Check grass catcher assembly frequently for wear or deterioration. Replace with new bag, tube, or chute as required.
6. Have your mower inspected and serviced each year by an authorized Snapper dealer. Determine if any additional devices are available which might upgrade the safety of your mower.
7. Factory specified Snapper replacement parts must be used to assure adequate protection against injury.

THANK YOU FOR BUYING A SNAPPER PRODUCT!

We have designed and built this machine with utmost care, and it is intended to give you long and satisfactory service.

Any mechanical device can be potentially dangerous if not used properly. No accident prevention program can be successful without the wholehearted co-operation of the person who is directly responsible for the operation of the equipment. Study this operator's manual to learn the operation of the controls and observe all safety precautions. Only use this machine for the purpose it is intended. By following these instructions and safety precautions you should enjoy the long and trouble free operation you expect.

LIMITED WARRANTY

For one year from purchase date for a non-commercial user, or for 30 days from purchase date for a commercial user, McDonough Power Equipment, Inc., through any factory authorized service dealer, will replace for the original purchaser, free of charge, any part or parts, found upon examination by the factory at McDonough, Georgia, to be defective in material or workmanship or both.

All transportation cost incurred by the purchaser in submitting material to an authorized service dealer for replacement under this warranty must be borne by the purchaser.

This warranty does not apply to engines and their components, as these items are warranted separately by their manufacturers. Neither does it apply to parts that have been damaged by accident, alteration, abuse, improper lubrication, normal wear, or other cause beyond our control.

There is no other express warranty.

Implied warranties, including those of merchantability and fitness for a particular purpose, are limited to one year from purchase for non-commercial users, and for 30 days from purchase for commercial users and to the extent permitted by law any and all implied warranties are excluded. This is the exclusive remedy. Liabilities for consequential damages under any and all warranties are excluded.

WARNING: Use of replacement parts other than genuine Snapper parts may impair the safety of your mower and will void our warranty.

IMPORTANT: This warranty is void unless the warranty card attached is filled out completely and mailed to the Factory within 10 days of purchase date.

IT IS THE POLICY OF McDONOUGH POWER EQUIPMENT, INC. TO IMPROVE ITS PRODUCTS WHENEVER IT IS POSSIBLE AND PRACTICAL TO DO SO. WE RESERVE THE RIGHT TO MAKE CHANGES OR ADD IMPROVEMENTS AT ANY TIME WITHOUT INCURRING ANY OBLIGATION TO MAKE SUCH CHANGES ON PRODUCTS MANUFACTURED PREVIOUSLY.

Assembly, Operation, Service Manual and Parts List

1. ASSEMBLY

STEERING WHEEL:

1. Install steering wheel using two tapered head bolts, Item No. 26, two 1/4 internal tooth lock washers, Item No. 21, and two 1/4-28 hex nuts, Item No. 25, on Page 9.

GRASS DEFLECTOR:

1. Install grass deflector, Item No. 37, using three 1/4-28 x 3/4 HHCS, Item No. 38, one fender washer, Item No. 39, three 1/4 internal tooth lock washers, Item No. 35, three 1/4 SAE washers, Item No. 36, and three 1/4-28 hex nuts, Item No. 34, Page 8.

STEERING LINK:

1. Connect right hand steering link, Item No. 18, using one 3/8 washer, Item No. 9, two bearing halves, Item Nos. 7, and 29, and one 3/16 x 3/4 cotter pin, Item No. 10, Page 9.

SEAT:

1. Install seat, Item No. 56, using one 1/2-13 x 3/4 HHCS, Item No. 52, and one 1/2 lock washer, Item No. 51, Page 7.

BATTERY: (ELECTRIC START MODELS ONLY)

1. Service battery according to instructions supplied with battery.
2. Place under seat with terminals nearest the rear of the machine.
3. Connect wires to battery terminals with negative side to ground.
4. Insulate positive terminal on battery cable when not connected to prevent sparking.

TIRES:

1. Inflate front tires to 20 psi.; rear tires to 25 psi.

2. OPERATIONS:

FILL ENGINE WITH OIL:

1. For engines not equipped with extended oil fill, fill the oil sump to overflowing. (Until oil flows from oil fill hole.)

FILL FUEL TANK:

1. Use clean, fresh, lead free or leaded "REGULAR" grade automotive gasoline.
DO NOT MIX OIL WITH GASOLINE.

STARTING ENGINE:

1. Read entire operator's manual, the engine manual, and become familiar with all controls before starting engine.
2. Shift transmission to "neutral-park" position.
3. Shift cutter to "out" position.
4. Turn key switch to "on" position.
5. Start engine per engine manual.

FORWARD MOTION:

1. Depress the left foot pedal (clutch/brake pedal) and the right foot pedal (auxiliary brake pedal), move shift lever to speed No. 1 and slowly release the left pedal. When mower starts to move, release the right foot pedal. Speed may

now be varied without using the clutch.

2. Always use the clutch to shift out of neutral.
 3. Always begin forward motion in speed No. 1.
- NOTE: Excessive pressure on the clutch/brake pedal will reduce ease of shifting.

REVERSE MOTION:

1. Same as forward motion except shift lever must be held in reverse.
2. Always use the clutch to shift in and out of reverse.

ROLL:

1. Shift the transmission to roll when the machine is to be moved without the use of the engine.
2. The transmission may be shifted from the park to roll position or from roll to park position without depressing the clutch/brake pedal.

STOPS:

1. The machine may be stopped by depressing the clutch/brake pedal all the way down.
2. **Caution: Depressing the auxiliary brake pedal will not stop the mower when it is running under engine power.**
The auxiliary brake pedal is used to prevent the mower from rolling on sloped surfaces while releasing the clutch/brake pedal.
3. Vary the speed of the machine with the shift lever, not the auxiliary brake.
4. The engine may be stopped by turning the key switch to the "off" position or moving the throttle control to the "stop" position.
5. As a safety precaution, if stops and starts must be made going up steep inclines, shift cutter to out position, place shift lever in No. 1 speed position, idle engine, depress right foot pedal, slowly release left foot pedal. Release right foot pedal as mower starts to move.

CUTTER UNIT:

1. Cutting height is changed by moving the lift handle, Item 20, Page 8. There are 7 different positions ranging between 1 and 4 inches.
2. Cutting height may be changed at any time.
3. To engage cutter unit, slowly move the cutter handle from the "out" to the "in" position.
4. **The cutter should be engaged only while the operator is in operating position. Disengage cutter before dismounting or transporting machine.**

3. ADJUSTMENTS

CLUTCH:

The clutch linkage has been designed so that with initial factory adjustment, the driven disc wear is accommodated throughout its useful life. Replace disc when worn to 1/32 - 1/16 inch rubber thickness. Do not tamper with linkage if mower does not pull at this point. Replace driven disc.

In the event someone tampers with the factory adjustment, the linkage can be checked as follows:

1. Remove driven disc and install on adjusting

gauge, which can be made from a driven disc with the "as new" radius of 3 inches on half the circumference and a 2-3/4 inch radius ground on the other half.

2. Depress clutch pedal and shift to second speed.
3. Adjust clutch rod guide until the 2-3/4 inch radius clears driving disc .005/.010 inch.
4. Rotate gauge 180 degrees and fully depress clutch pedal until brakes are applied. Check to see that the 3 inch radius clears driven disc by 1/32 inch minimum with the sliding chain case pushed lightly against yoke lift. This assures that driven disc will be pulled down from driving disc when clutch is disengaged.

CLUTCH AND BRAKE PEDAL:

Control cables should have slight amount of slack with clutch and brake pedals released and with shift handle in neutral. This can be checked by seeing that the clutch rod slides to the rear end of the slot in the clutch rod guide. Adjust by shifting cable stops as required through keyhole in brake and clutch pedal.

CUTTER DRIVE BELT:

The spring loaded idler maintains proper belt tension throughout the effective belt life.

Adjust main tube when idler pulley causes the belt to rub together behind the spindle pulley. Main tube adjustment is accomplished as follows:

1. Loosen clamp under seat spring and pull the main tube forward until inside surface of the cutter drive belt has approximately 1 inch running clearance measured at the idler pulley with cutter unit engaged.
2. Check to see if control cable has a slight amount of slack with clutch and brake pedal released and with shift handle in neutral, as discussed in paragraph above.

Belt replacement is accomplished as follows:

1. Remove spindle guard cover and remove belt from pulley.
2. Stand mower on end (refer to "Storage") with shift handle in neutral.
3. Pull belt from behind drive disc. Reach behind slide and pull clutch rod for maximum disc clearance. Roll belt between drive and driven disc. Pull belt between driven disc and belt guide and remove from transmission case.
4. Reverse procedure to install new belt.

CUTTER SPINDLE REMOVAL:

If it is necessary to remove and re-assemble the spindle housing, the housing must be plumbed to the cutter deck to obtain an equal distance between the blade tip and deck. This is accomplished by locating the housing flange correctly to the deck, using the clearance holes for the capscrews for alignment. Tighten securely using self-locking nuts.

DECK ADJUSTMENT:

The cutter blade has been factory adjusted for 1 inch minimum cutting height. After a period of time, wear in the linkage may require re-adjustment. Correct procedure is as follows — taking all meas-

urements to the same blade tip:

1. Park mower on level and even floor or surface.
2. Inflate tires to proper pressure.
3. Move lift handle to lowest position to remove spindle cover.
4. Swing blade tip to front and adjust to 1 inch by adjusting timing link that connects the front and rear lift arms. Shortening this link one half turn of the rod end raises the front end approximately 1/8 inch.
5. Adjust blade tip cutting edge to 1-5/8 inch at rear by bending the swinging chain arms of the rear suspension up or down as required, maintaining a level blade side to side as this is adjusted.
6. Turn blade to the front and rear of machine. The 26" and 30" blade should be from 1/2 to 3/4 inch higher at rear than front when measured on same blade tip.

SPINDLE BRAKE:

The spindle brake, Item No. 55, Page 8, is factory adjusted to stop the blade from rotating within 3 to 5 seconds after the blade is disengaged. The brake may need re-adjusting after a period of time. To check brake, the operator should be sitting on mower with engine running. Engage blade, disengage blade. If belt continues to turn after 5 seconds, stop engine and remove spindle cover. Disconnect wire link, Item No. 56, Page 8, from spindle brake and connect wire link in one of the extra holes in brake to apply more tension to brake.

After adjusting brake, engage cutter, with engine stopped. Disengage cutter and check to see if blade control handle is making switch points contact, (Item No. 42, Page 8). If points are not making contact, decrease tension on brake until points do make contact.

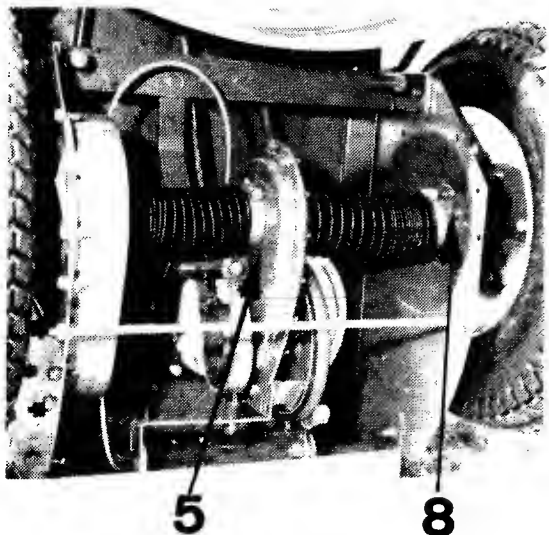
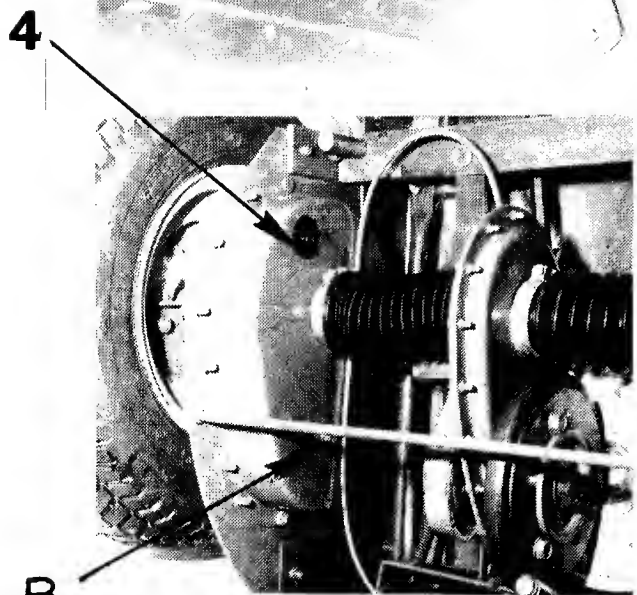
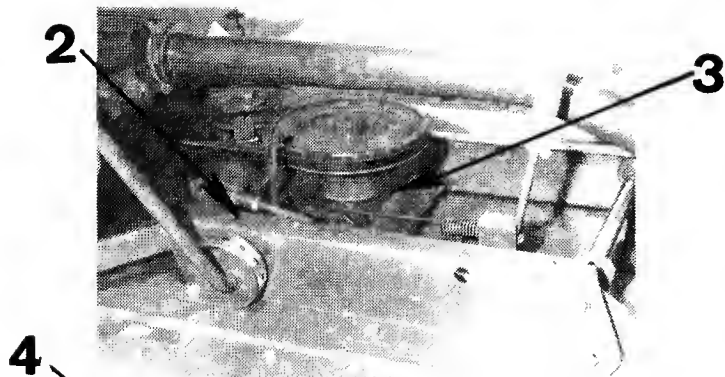
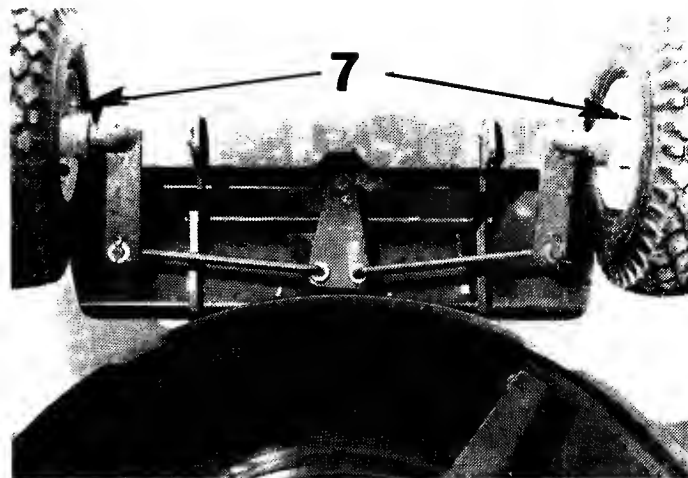
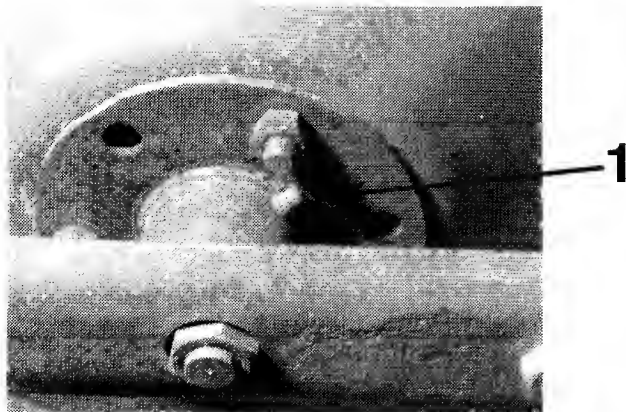
4. STORAGE:

The mower may be set on end for servicing or storage within the following limitations:

1. For electric starter units, remove battery to prevent acid leakage and subsequent damage.
2. Gas tank should be empty to eliminate fire hazard.
3. For winter storage, always drain oil and gasoline. Refer to engine manual for proper procedure to follow.
4. CAUTION—Standing on end for more than one hour with oil in engine crankcase can allow oil to seep into cylinder and may cause engine damage.

After storing on end, the following procedure is required before starting machine:

1. With ignition switch turned off, pull engine over slowly. If excessive resistance is felt or engine refuses to rotate, remove spark plug and spin engine over to clear cylinder of oil. Clean and replace spark plug.
2. Turn on ignition switch and start engine. This procedure will prevent engine damage in cases where oil has seeped into the combustion chamber.



LUBRICATION INSTRUCTIONS

1. The spindle incorporates sealed precision ball bearings that require infrequent lubrication. More than two shots of grease from a pressure gun per cutting season may damage bearing seals.
2. Height adjusting cams are lubricated with medium cup grease after removing spindle cover. Twice a year is sufficient.
3. Lubricate idler arm twice a year with a few drops of SAE 30 oil at each point of wear.
4. The differential is factory lubricated with 12 ounces of Snapper 00 grease. At the end of each cutting season stand machine on end and remove plug "B". Add Snapper 00 grease, if necessary, to bring lubricant level to bottom of hole "B". See Note 2 below.
5. The sliding chain case is factory lubricated with 2 ounces of Snapper 00 grease. Remove plug and add 1 ounce of grease at the end of each cutting season. See Note 2 below. **Do not over lubricate sliding chain case.**
6. Lubricate shift lever with 2 shots of grease from a pressure gun twice a year.
7. The front wheel and axle bearings take ten shots of grease from a pressure gun after the first 25 hours of operation, and then 2 shots of grease every 25 hours thereafter.
8. Lubricate the left hand axle bearings with 2 shots of grease from a pressure gun every 25 hours of operation.
9. The engine should be serviced according to the engine manual supplied with the machine. NOTE: Changing oil every 25 hours of operation is recommended as a minimum.
10. Remove excessive amounts of grease, oil, dirt, and grass regularly for added machine life.
11. Keep grass clippings and dirt from building up on engine fins to prevent over heating and engine damage.
12. Keep grass clippings and dirt from building up on cutter deck (under spindle cover) around switch control. If the safety switch contacts become shorted or grounded, the engine will not run.

NOTES: 1. Snapper 00 grease, Part No. 1-1050, is specially compounded for this application and is available from your Snapper dealer.

2. Due to loss of sealing properties upon its removal, plug "B", Part No. 1-1024, should be replaced with a new part each time the grease level is checked.

Rear Wheels, Transmission and Variable Speed Drive

Item	Port No.	Description	Qty.	Item	Port No.	Description	Qty.	Item	Port No.	Description	Qty.
1.	1-0153	Cap	2	49.	9-0480	5/16-24 Flange Lock Nut	1	112.	9-0238	5/16-24 x 1 HHCS	1
2.	3-0798	Bumper	2	50.	1-1033	Grammet	2	113.	9-0227	5/16-24 x 5/8 Hex Head Cap Screw	1
3.	1-0210	Key	1	51.	9-0509	1/2 Internal Tooth Lock Washer	1	114.	9-0130	3/8-16 Hex Nut	1
4.	5-0169	Drive Disc Assembly	1	52.	9-0507	1/2-13 x 3/4 HHCS, Grade 5	1	115.	9-0118	3/8 Lock Washer	1
	1-1000	Drive Disc	1	53.	3-7707	Seat Spring	1	116.	9-0196	5/16-18 Hex Nut	7
	1-1001	Hub	1	54.	9-0324	3/8-16 x 1 Hex Head ST. Screw	2	117.	1-1048	Yoke Bearing, R.H.	1
	1-1002	Pulley	1	55.	3-1087	Washer (Tecumseh-Engine) 5/16-18 x 1 Self Tapping Screw	1	118.	9-0369	5/16-18 x 1 Self Tapping Screw	1
5.	4-9556	Main Case	1	56.	1-1967	Seat	1	119.	4-7347	Yoke Lift	1
6.	1-0838	Grip	1	57.	1-0989	Bearing 1-2272 Spacer	1	120.	9-0357	3/16 x 3/4 Cotter Pin	1
7.	4-0284	Shift Handle	1	58.	1-8082	Clamp Ring	1	121.	3-1729	Rod	1
8.	5-0681	M.P.E. Switch Assembly (Used with 4-0410 Shift Detent only)	1	59.	2-1127	12 Tooth, 12 Pitch Gear	4	122.	1-2036	Gas Cap	1
			1	60.	2-1126	Pinion Spacer	4	123.	1-1820	Spring	1
9.	1-1021	Clevis Pin	1	61.	1-1072	Flange Washer	2	124.	1-2264	Spring	1
10.	4-0410	Shift Detent	1	62.	1-8060	Gasket	1	125.	1-1090	Clutch Clevis	1
11.	9-0037	3/32 x 3/4 Cotter Pin	1	63.	1-0992	Washer	1	126.	9-0222	5/16-24 Hex Lock Nut	1
12.	3-1036	Thrust Washer	2	64.	1-0988	Washer	1	127.	1-1968	Roller	1
13.	1-0754	Spring	1	65.	2-1129	Sprocket	1	128.	2-1706	Tube	1
14.	1-2033	Mower Clutch Wire	1	66.	1-0941	Chain	1	129.	3-1050	Clutch Rod	1
15.	4-0341	Shift Handle Arm	1	67.	3-7279	Case	2	130.	3-1080	Rod Guide	1
16.	1-1821	Spring	1	68.	1-1024	Plastic Plug	3	131.	9-0136	3/8-16 x 3/4 Carriage Bolt	1
17.	9-0367	Lug Bolt	6	69.	1-1037	Boat Clamp	5	132.	5-0628	Auxiliary Brake Band	1
18.	5-0714	Wheel and Tire Ass'y., 2652, 2652S 2681, 2681S	2	70.	1-1011	Boat R.H.	1	133.	3-1748	Brake Drum	1
	1-2162	Rim	1	71.	1-1070	Tie Rod	1	134.	1-1132	Clutch Washer	1
	1-0524	Tire	1	72.	5-0685	Drive Tube Assembly	1	135.	9-0493	3/8-24 x 1/2 HHCS	1
	1-0525	Tube	1	73.	1-1071	Nylon Washer	2	136.	1-1867	Brake Spring	1
	1-2234	Valve Stem	1	74.	1-0942	Needle Bearing	2	137.	1-1855	Brake Cable Housing	1
	5-0713	Wheel and Tire Ass'y., 3081, 3081S	2	75.	1-1086	Nylon Thrust Washer	2	138.	1-1853	Manual Start Switch	1
	1-2163	Rim	1	76.	4-0355	Hub and Spracket Str.	1	139.	1-1155	Electric Start Switch	1
	1-1097	Tire	1	77.	1-8059	Gasket	1	140.	9-0302	Switch Panel	1
	1-2134	Valve Stem	1	78.	3-7278	Cover, Left Hand	1	141.	9-0302	1/4-20 x 3/8 HWST	2
19.	1-1201	5/16-24 Lock Nut GR5	2	79.	1-1121	Belleville Washer	3	142.	9-0132	3/8-16 x 3/8" Set Screw	2
20.	1-1013	Wheel Bolt, R.H. Axle Bolt	1	80.	2-0911	Hub	1	143.	1-2035	Interlock, Briggs & Stratton Engine	1
21.	1-1817	Oil Seal	1	81.	1-0765	Driven Disc	1	144.	1-2034	Interlock, Tecumseh Engine	1
22.	1-0969	5/16 Flange Lock Nut	1	82.	9-0361	5/16-18 x 5/8 HWST	14	145.	3-1751	Brake Drum Washer	1
23.	4-0433	Right Hand Wheel Hub	1	83.	9-0356	Washer	2	146.	9-0484	Bumper Bolt	4
24.	1-0925	Thrust Washer	1	84.	2-0984	Split Spacer	2	147.	1-1861	Switch Protector	1
25.	9-0223	5/16-24 Nut	6	85.	1-0916	Brake Lever Assembly	2	148.	9-0307	No. 10 Self Tapping Screw	1
26.	3-1732	Seal Cap, R.H.	1	86.	5-0253	Bearing	2	149.	9-0010	No. 10 SAE Washer	1
27.	3-7280	Fender, R.H.	1	87.	1-0756	Woodruff Key	2	150.	9-0316	5/16-18 x 3/4" Carriage Bolt	3
28.	9-0359	5/16-24 x 1-5/8 HH Lock Cap Screw (Use one time only. Replace if disassembled)	4	88.	1-0614	Sprocket and Shaft	1	151.	9-0187	5/16 Lock Washer	1
	1-2296	Bearing	1	89.	1-1018	Shift Link, Short	1	152.	1-2272	Bearing Spacer	1
29.	3-1079	Thrust Washer	1	90.	4-7313	Cover, Right Hand	1				
30.	3-1104	Differential Plate	1	91.	2-0908	Roller	1				
31.	5-0278	Short Axle Assembly	1	92.	1-0776	Retaining Ring	2				
32.	1-1026	Spacer	1	93.	3-7291	Cross Brace	1				
33.	1-1026	Long Axle Assembly	1	94.	1-1016	Nylon Bearing	2				
34.	5-0277	63T, 10P Gear	1	95.	4-0340	Shift Arm	1				
35.	1-1782	5/16 Belleville Washer	2	96.	1-1017	Shift Link, Long	1				
36.	2-1158	Spacer	1	97.	1-0909	Grease Fitting	1				
37.	1-1128	Gear, 11T, 10P	1	98.	3-7285	Fender, Left Hand	1				
38.	1-0964	Retaining Ring	1	99.	1-0967	Seal Cap, Left Hand	1				
39.	1-1042	Idle Bolt	1	100.	1-1035	Axle Bolt, Left Hand	1				
40.	1-1042	Idle Bolt	1	101.	4-0434	Hub, Left Hand	1				
41.	1-1136	5/16 "O" Ring	2	102.	1-1052	Hub Cap	2				
42.	9-0395	1/4-20 x 5/8 Self Tapping Screw	11	103.	5-0710	5 Qt. Tank and Cap Assembly	1				
43.	9-0362	1/16 Internal Tooth Lock Washer	1	104.	3-9553	Front Bracket	1				
44.	1-1166	Seal Ring	4	105.	1-2222	Hose Clamp	4				
45.	3-1063	Hitch Plate	1	106.	3-1726	Fuel Line	2				
46.	1-0898	Name Plate	1	107.	1-1777	Filter	1				
47.	9-0358	5/16-24 x 2-1/2 Hex Head Cap Screw	1	108.	3-0008	Washer	1				
48.	3-1100	Tube Clamp	1	109.	3-1891	Tank Brace	1				
				110.	3-9577	Bracket, Back	1				
				111.							

ELECTRICAL SYSTEM

BRIGGS & STRATTON ELECTRIC

1-2078	Starter Fuse Wire	1
1-1858	Positive Wire	1
1-2166	Oil Drain Cap, 5 HP	1
1-2167	Oil Drain Extension, 5 HP	1

TECUMSEH ELECTRIC STARTER

1-2077	Starter Fuse Wire	1
1-1858	Positive Wire	1

ALL ELECTRIC STARTER MOWERS

3-7343	Battery Clamp	1
1-0815	Battery	1

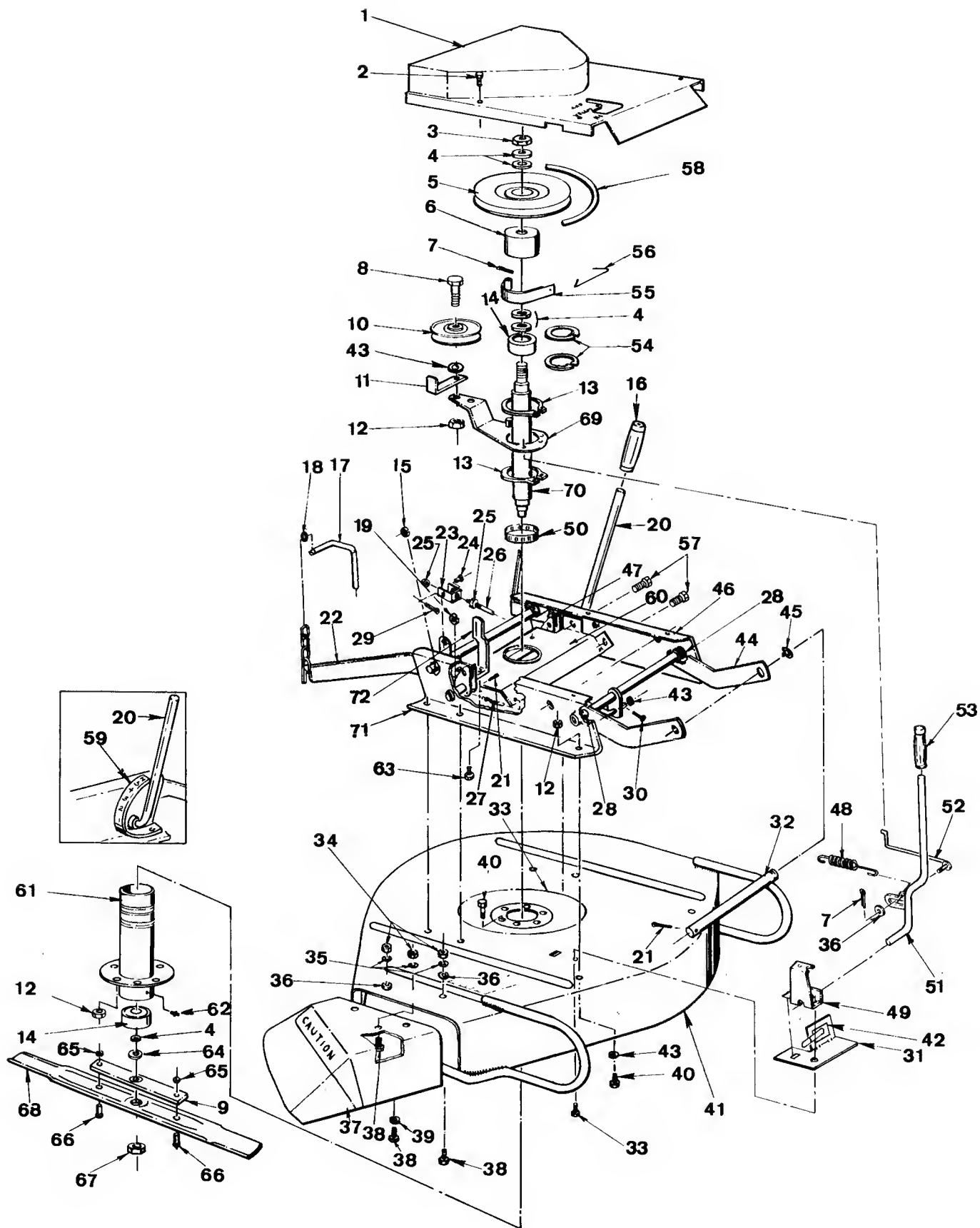
MAJOR ASSEMBLIES

6-0117	Differential Assembly	1
5-0639	Primary Chain Case Assembly	1
6-0115	Transmission	1

Long Seal Kit 60278

Spindle, Cutter Unit and Lift, 26", 30" Riding Mower

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1.	5-0749	Spindle Cover Assembly	1	39.	1-1763	Fender Washer	1
2.	9-0302	1/4-20 x 3/8 Self Tapping Screw	5	40.	9-0292	3/8-24 x 3/4 HHCS	9
3.	1-0027	Jam Nut	1	41.	4-7323	Deck, 30" Comet	1
4.	1-0935	Washer	5	41.	4-7325	Deck, 26" Comet	1
5.	1-0787	Spindle Pulley	1	42.	5-0681	Switch Assembly	1
6.	3-0817	Brake Drum	1	43.	9-0122	3/8 Washer	8
7.	9-0037	3/32 x 3/4 Cotter Pin	2	44.	4-7710	Front Lift Arm Structure	1
8.	9-0161	3/8-24 x 1-3/4 HHCS	1	45.	1-0739	Retaining Ring	3
9.	3-1184	Blade Holder	1	46.	3-7709	Left Hand Rail	1
10.	1-1029	Idler Pulley, 3/8 Bore	1	47.	1-0737	Roll Pin	2
11.	3-0982	Restrictor	1	48.	1-2057	Idler Spring	1
12.	9-0289	3/8-24 Lock Nut	10	49.	3-7714	Handle Mount	1
13.	1-0740	Retaining Ring	2	50.	1-0741	Tolerance Ring	1
14.	1-0696	Bearing	2	51.	4-0411	Blade Control Handle	1
15.	1-2068	Ring (Blue)	2	52.	1-2055	Idler Control Rod	1
16.	1-0684	Grip	1	53.	1-0681	Grip	1
17.	4-0385	Chain Arm, R.H.	1	54.	1-1051	Retaining Ring	2
17.	4-0386	Chain Arm, L.H. (not shown)	1	55.	5-0627	Spindle Brake Assembly	1
18.	1-1812	"O" Ring	2	56.	1-2230	Wire Link	1
19.	1-0996	Ring (White)	2	57.	9-0324	3/8 x 16 x 1 HWST	4
20.	4-7712	Cam Structure	1	58.	1-0749	Belt	1
21.	9-0364	5/32 x 1" Cotter Pin	2	59.	3-1193	Indicator Plate	1
22.	4-7711	Rear Lift Arm Structure	1	60.	3-1838	Top Brace	1
23.	3-1837	Clevis	1		5-0696	Spindle Housing Assembly	1
24.	1-0736	Clevis Pin	1	61.	4-0412	Spindle Housing Structure	1
25.	9-0155	3/8-24 Hex Nut	2	62.	1-0817	Alemite Fitting	1
26.	1-2030	Timing Rod	1	63.	9-0361	5/16-18 x 5/8 HWST	1
27.	1-1074	Spring	1	64.	3-1183	Washer	1
28.	1-2067	Ring (Red)	2	65.	9-0393	1/2-20 Hex Lock Nut	2
29.	9-0037	3/32 x 3/4 Cotter Pin	1	66.	9-0491	1/2-20 x 1-1/4 HHCS, Grade 5	2
30.	9-0365	1/8 x 3/4 Cotter Pin	1	67.	9-0356	5/8-18 Hex Lock Nut	1
31.	3-7715	Switch Adapter	1	68.	1-8069	Cutter Bar, 30" Comet	1
32.	2-0882	Support Rod	1	68.	1-8068	Cutter Bar, 26" Comet	1
33.	9-0362	1/4-20 x 5/8 Hex Washer, Self Tapping	1	69.	4-7716	Idler Arm Structure	1
34.	9-0095	1/4-28 Hex Nut	3	70.	2-1742	Spindle Shaft	1
35.	9-0053	1/4 Internal Tooth Lock Washer	3	71.	3-7710	Right Hand Rail	1
36.	9-0055	1/4 SAE Washer	4	72.	3-1855	Belt Guide	1
37.	4-0402	Deflector Str.	1	MAJOR ASSEMBLIES			
38.	9-0101	1/4-28 x 3/4 HHCS	3		5-0638	30" Cutter Unit Complete	1
					5-0637	26" Cutter Unit Complete	1
					5-0695	Spindle Assembly	1



WIRING DIAGRAM

